 A REST service for validating JSON documents against JSON schemas.

Preferred IDE – IntelliJ/Eclipse(with Gradle Configured)

Installation Guide:-

Run ./gradlew bootRun to launch the REST service.

The associated dependencies (along with a JDK) will be retrieved automatically.

Run ./gradlew test to launch the unit test suite.

**API ENDPOINTS**

**POST/schema/SCHEMAID**

validates a JSON schema with a specified identifier SCHEMAID. The schema has to be a valid JSON document, though not necessarily a matching JSON schema.

If the schema was successfully validated, a success response will be returned.

If a schema with the given identifier already exists, an error response will be returned - this can be bypassed by setting an optional override URL parameter to 1.

**Examples**

*Note: Sample files for the POST requests are found in the examples folder.*

#### Valid schema compared

**Request**:

curl http://localhost:8080/schema/config-schema -XPOST -d @config-schema.json -H 'Content-Type: application/json'

**Response:**

{

"action" : "validateSchema",

"id" : "config-schema",

"status" : "success"

}

#### Invalid schema upload (not valid JSON)

**Request**:

curl http://localhost:8080/schema/config-schema -XPOST -d @config-schema.json -H 'Content-Type: application/json'

**Response**:

{

"action" : "validateSchema",

"id" : "config-schema",

"status" : "error",

"message" : "Invalid JSON: Unexpected character ('\"' (code 34)): was expecting a colon to separate field name and value {...}"

}